

Claims:

- 1) An infrared heating technique for die heating, the improvement consisting of at least one multi-axis flexible infrared module such that a 180 degree rotation along the normal axis to the bulb axis is allowed.
- 2) An infrared heating technique for die heating, the improvement consisting of at least one multi-axis flexible infrared module wherein each module contains two or more infrared heaters, such that a 180 degree rotation along the normal axis to the bulb axis is allowed.
- 3) An infrared heating technique for die heating, the improvement consisting of at least one multi-axis flexible infrared module wherein each module contains two or more infrared heaters,  
and,  
each module is joined to at least one rotation joint such that a 360 degree rotation normal to the bulb axis and a 180 degree rotation along the bulb axis are allowed.
- 4) The product of claim 1, 2 or 3 for use as die heater.
- 5) The product of claim 1, 2 or 3 for use as a paper dryer.
- 6) The product of claim 1, 2 or 3 for use as a paint remover.

7) The product of claim 1, 2 or 3 for use with a convective heating generator.

8) The product of claim 1, 2 or 3 for use with a convective ionized gas.